

# Appendix J: Cost Neutrality Demonstration

## Appendix J-1: Composite Overview and Demonstration of Cost-Neutrality Formula

**Composite Overview.** Complete the fields in Cols. 3, 5 and 6 in the following table for each waiver year. The fields in Cols. 4, 7 and 8 are auto-calculated based on entries in Cols 3, 5, and 6. The fields in Col. 2 are auto-calculated using the Factor D data from the J-2d Estimate of Factor D tables. Col. 2 fields will be populated ONLY when the Estimate of Factor D tables in J-2d have been completed.

Level(s) of Care ( <i>specify</i> ):							
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Year	Factor D	Factor D'	Total: D+D'	Factor G	Factor G'	Total: G+G'	Difference (Column 7 less Column 4)
1	11,713.23	10,525.77	22,239.00	248,489.81	5,367.46	253,857.27	231,618.27
2	<del>6,481.54</del> <del>12,136.88</del>	<del>11,602.58</del> <del>10,873.12</del>	<del>18,084.12</del> <del>23,010.00</del>	<del>273,911.05</del> <del>256,689.98</del>	<del>5,916.56</del> <del>5,544.58</del>	<del>279,827.62</del> <del>262,234.56</del>	<del>261,743.49</del> <del>239,224.56</del>
3	<del>9,391.28</del> <del>11,170.17</del>	<del>11,985.47</del> <del>1,231.93</del>	<del>21,376.75</del> <del>22,402.10</del>	<del>282,950.12</del> <del>265,160.75</del>	<del>6,111.81</del> <del>5,727.56</del>	<del>289,061.93</del> <del>270,888.30</del>	<del>267,685.18</del> <del>248,486.20</del>
4	<del>11,485.67</del> <del>11,688.48</del>	<del>12,380.99</del> <del>11,602.58</del>	<del>23,866.66</del> <del>23,291.06</del>	<del>292,287.47</del> <del>273,911.05</del>	<del>6,313.50</del> <del>5,916.56</del>	<del>298,600.97</del> <del>279,827.62</del>	<del>274,734.32</del> <del>256,536.55</del>
5	<del>13,665.57</del> <del>12,047.82</del>	<del>12,789.56</del> <del>1,985.47</del>	<del>26,455.13</del> <del>24,033.29</del>	<del>301,932.96</del> <del>282,950.12</del>	<del>6,521.85</del> <del>6,111.81</del>	<del>308,454.80</del> <del>289,061.93</del>	<del>281,999.68</del> <del>265,028.64</del>

## Appendix J-2: Derivation of Estimates

- a. **Number Of Unduplicated Participants Served.** Enter the total number of unduplicated participants from Item B-3-a who will be served each year that the waiver is in operation. When the waiver serves individuals under more than one level of care, specify the number of unduplicated participants for each level of care:

Table J-2-a: Unduplicated Participants	
Waiver Year	

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	Total Unduplicated Number of Participants (from Item B-3-a)
Year 1	400
Year 2	400
Year 3	400
Year 4	400
Year 5	400

- b. Average Length of Stay.** Describe the basis of the estimate of the average length of stay on the waiver by participants in Item J-2-a.

The average length of stay for all waiver years is 355 days. This is based on the average length of stay reported on the CMS 372(S) for the Community Pathways Waiver for fiscal year 2016.

- c. Derivation of Estimates for Each Factor.** Provide a narrative description for the derivation of the estimates of the following factors.

- i. Factor D Derivation.** The estimates of Factor D for each waiver year are located in Item J-2-d. The basis for these estimates is as follows:

The Factor D', G, and G' estimates were updated to realign the time period of the Waiver Years from a calendar year (1/18-12/18) to a fiscal year (7/19-6/20). To implement this change, the Waiver was renewed early to begin in FY20 so WY1 was FY20, WY2 was FY21, etc. The Community Pathways Waiver was renewed in FY19 so WY1 is FY19, WY2 is FY20 and WY3 is FY21. The updates to the Factor D', G, and G' estimates beginning in WY2 or FY21 were aligned with the figures for WY3 in the Community Pathways Waiver as they are both for FY21.

In Waiver Year 1 (WY~~R~~), the estimated users of Assistive Technology and Services, Behavioral Supports, Environmental Assessments, Environmental Modifications, Support Brokers, and Vehicle Modifications are based on the actual percentage of users vs. total unduplicated recipients of those services in the Community Pathways Waiver from CMS 372(S) FY15. Users of Assistive Technology and Services, Environmental Assessments, Environmental and Vehicle Modifications are estimated to increase by 50% in Waiver Years 2-5. Behavioral Supports services users are estimated to increase by 5% in Waiver Years 2-5. Users of Support Brokers are estimated to increase by 15% in Waiver Year 2 – 5 based on the average growth rate CAGR from Community Pathways Waiver from CMS 372(S) 13-15.

Family and Peer Mentoring Supports users have been estimated at approximately 1025% of total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5.

The estimated users of Individual and Family Directed Goods and Services are based on the actual percentage of users vs. total unduplicated recipients of the services in the Community Pathways Waiver from CMS 372(S) FY16. As there is no historical utilization data, users of the service are estimated to increase by 50% in Waiver Years 2-5.

In WY1, Personal Supports users ~~have been were~~ estimated at approximately 80% of the total number of waiver users as estimated in Appendix B-3; however in Waiver Year, s-1 WY2, users were reduced to 25% of the population based on FY20 user data from PCIS2 and users are

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~~estimated to increase by 10% each year in WYs 3-5-5.~~ Personal Supports Enhanced Supports users have been estimated at approximately ~~53%~~ of estimated users of Personal Supports for Waiver Years ~~24-5~~ as this is a new service with no historical utilization data.

In WY2, Nursing Services are new services without historical utilization data, so Case Management and Delegation service users have been estimated at approximately 5% of the total number of waiver users as estimated in Appendix B-3 for Waiver Years ~~23-5~~. Users of Nursing Consultation have been estimated at approximately 3% of the total number of waiver users as estimated in Appendix B-3 for ~~WY1 Waiver Years 3-5~~ as this service is available to only self-directing participants. Nursing Consultation and Nursing Case Management and Delegation services will be a service included under the service Nursing Support Services Nursing Case Management and Delegation services in WYs 2-5.

Family Caregiver Training and Empowerment Services, Participant Education, Training and Advocacy Supports, Housing Support Services, Respite Care Services and, Transportation users have been estimated at approximately 10% of total number of waiver users as estimated in Appendix B-3 for Waiver Years 1-5.

The Average Units per User for Waiver Years 1-5 are based on historic utilization of services in the Community Pathways Waiver from CMS 372(S) data FY13-15 for all services except: Family Caregiver Training and Empowerment Services, Family and Peer Mentoring Supports (updated from an hourly unit to a 15-minute unit beginning in WY2), and Participant Education, Training and Advocacy Supports. These services are new therefore, the estimates are based on best practices and similar services in Arizona’s Raising Special Kids program. Additionally, Individual and Family Directed Goods and Services units per user are based on FY16 utilization as there is no historic data from the CMS 372. Housing Support Services is a new service so average units per user are estimated estimates at 2 hours per person and updated from an hourly unit to a 15-minute unit beginning in WY2. The average units per user for Nursing Services for Waiver Years ~~23-5~~ are estimated at the median of annual unit limits for those services. Behavioral Consultation Services average units per User for WYs ~~23-5~~ is-are based on historical al utilization of services in the Community Pathways Waiver from FY17 CMS 372(S) data and updated from an hourly unit to a 15-minute unit. Personal Supports Enhanced Supports is a new service so the average units per user have been estimated at ten hours per week for to align with Personal Supports utilization in WYs ~~24-5~~. Support Broker average units per user has been updated in WYs 3-5 #based on historical utilization of services in the Community Pathways Waiver from FY17 CMS 372(S) data. ~~the annual unit limit for the service as the unit limit has been decreased from previous WYs.~~ In WY2, units per user for Personal Supports are split between the PCIS system and the LTSS Maryland system as Personal Supports billing is expected to transition to LTSS Maryland. Beginning in WY2, Respite Hourly changes to Respite service and service and units per user are updated from an hourly unit to a 15-minute unit.

The aAverage cCosts per uUnit in Waiver Years 1-5 for Assistive Technology and Services (WY1-2), Environmental Modifications, Transportation, and Vehicle Modifications are based on DDA’s average costs and limits for services from the Community Pathways Waiver CMS 372(S) FY13-15. In WYs 3-5, Assistive Technology and Services average cost per unit was updated with utilization data from the Community Pathways Waiver CMS 372(S) FY13-16.

The average cost per unit of Respite Care Camp is based on off of the average cost of the service in FY17 and increased by 2% COLA for WYs 1-2. In WYs 3-5, the average cost of the service is based on off of utilization data from the Community Pathways Waiver CMS 372(S) FY13-16.

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Individual and Family Directed Goods and Services average cost per unit for Waiver Years 1-5 is based on DDA’s average costs for services from the Community Pathways Waiver CMS 372(S) FY16 as this is the first year of data for this service.

~~The For Personal Supports and Support Brokers, the A average cCost per uUnit for Support Broker services for WYs 2-5 and Personal Support services in WYaiver Year 1 is are based on DDA’s average costs and limits for services from the Community Pathways Waiver CMS 372(S) FY13-15. The Support Brokers services rate is estimated to increase eachincreased each year in Waiver Years 2-5 byfor a 2% cost of living adjustment. In WY2, the Personal Support average cost per unit was updatedwas updated to include actual COLA increases of 3.5% from previous fiscal years.~~

The average cCost per uUnit for Family Caregiver Training and Empowerment Services, Family and Peer Mentoring Supports, and Participant Education, Training and Advocacy Supports ~~areis~~ based on similar services in Arizona’s Raising Special Kids program but applying Maryland cost values to derive the rates for WYs1-5aiver Year 1. The Maryland cost values were provided by Johnston, Villegas-Grubbs and Associates, LLC, the rate setting vendor. ~~The unit cost is estimated to increase by 2% in Waiver Years 2-5 for the hourly rate component only.~~

~~In WYs 1-2,tThe average cost per unit for daily, and hourly, and 15 minute Respite Care Services except for Camp, Behavioral Support Services, Housing Support Services, Environmental Assessments, and Nursing Services, and Personal Supports beginning in WY23 and Personal Support beginning WY4, are based on the rate study done by Johnston, Villegas-Grubbs and Associates, LLC using the Brick Method™, which is a structure used to develop standard fees for disability (and other services) that utilizes cost categories and studies their relationship to direct service support costs (the wages of people performing the service). The four standard cost components used in the Brick Method™ that are assumed to be common to all social and medical services are: employment related expenses (ERE), program support, facility cost (Day Habilitation only) and general and administrative. In Maryland, training and transportation components were also studied and used to develop the rates. The foundation of the Brick is the direct support professional wage.~~

~~In WY2, average costs per unit were converted from hourly rates to 15-minute rates for Behavioral Consultation, Respite Hourly (now just Respite), Housing Support Services, and Family and Peer Mentoring and rates were updated to include actual COLA increases of 3.5% from previous fiscal years. Also, the transition from Personal Support services from the prospective payment system to the fee-for-service model is expected in WY2 so the estimates for both payment systems are included.~~

~~In WY3, when billing is expected to transition into LTSSMaryland, the average cost per unit for Respite Care Services, Behavioral Support Services, Housing Support Services, Environmental Assessments, and Nursing Services, and in WY2 for Personal Supports and Personal Supports Enhanced Supports, are based on rates from a vendor, Optumas, -contracted to review and verify and validate data from the JVGA rate study and developadjust rates as needed for new services. Any updated rates are based on their review, -and input from providers and public comment and will be implemented in LTSSMaryland. The rate methodology with included costs components for each service are detailed in Appendix I.2.a and a detailed rate file is available upon request.hired to validate JVGA rates and propose rates for new services. The rates are built using the Brick method and include the standard cost components common to all social and medical services. Additionally, a geographical differentiated rate was proposed in the JVGA rate study that uses the Bureau of Labor Statistics’ wages for the Washington, D.C. metro Metropolitan Statistical Area as the basis~~

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for the wage. The geographical differentiated rate was factored into the average cost per unit for these services. The average unit cost for these services is estimated to increase by a 2% COLA in Waiver Years 4-5 and in WYs 3-5 for Personal Support services.

~~There are four standard cost components that are assumed to be common to all social and medical services. They are employment related expenses (ERE), program support, facility cost (day habilitation only) and general and administrative. In Maryland, training and transportation components were also studied and used to develop the rates. The foundation of the Brick is the direct support professional wage. The unit cost for these services is estimated to increase by a 2% COLA in Waiver Years 4-5 and in WYs 3-5 for Personal Support services.~~

~~and~~

~~The Respite Care hourly rate, and billed in 15 minute increments beginning in WY2, is based on the direct support professional wage using the BLS and cost components ERE, Program Support, Training, and G&A, all of the components except Program Support. The daily rate is based on the hourly rate with an assumption of 16 hours of service in a licensed site.~~

~~The Environmental Assessment rate is based on the Occupational Therapist professional wage using the BLS and cost components ERE, Program Support Training, Transportation, and G&A with the assumption of 6 hours to perform the assessment.~~

~~The Behavioral Support Services rates are for the Assessment and Plan based on professional wage using the BLS and cost components ERE, Program Support, Training, Transportation, and G&A with assumptions of 8 hours needed to complete the complete for the Assessment and Plan.~~

~~The Housing Supports Services rate is based on the hourly BLS wage job code 19-4099 and includes cost components ERE, Program Supports, Training, and G&A.~~

~~The Nursing Services rates are based on hourly BLS wage data job code 29-1141 and include cost components s ERE Employment Related Expenditures at 32.7%, Program Support at 33%, Training 13.4%, and G&A a 5% no show factor.~~

~~The Personal Support services rates are based on hourly BLS wage job code 39-9021, and include cost components ERE, Program Support, Training, Transportation, and G&A with a service adjustment and will be billed in 15 minute increments.~~

~~For Personal Supports Enhanced Supports, the average cost per unit for WYs 4-5 are based on rates from a vendor, Optumas, hired to validate JVGA rates and propose rates for new services. The rate is built using the Brick method and includes the standard cost components common to all social and medical services.~~

- ii. **Factor D' Derivation.** The estimates of Factor D' for each waiver year are included in Item J-1. The basis of these estimates is as follows:

Factor D' was calculated for Waiver Years 1-5 using FY16 actual MMIS Medicaid expenditures for Community Pathways Waiver participants enrolled in the Waiver at any point in FY2016. This data removes the cost of prescribed drugs under the provisions of part D. The 3.3 percent inflation rate applied to Factor D' is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were

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compounded annually by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

- iii. **Factor G Derivation.** The estimates of Factor G for each waiver year are included in Item J-1. The basis of these estimates is as follows:

The estimated annual average institutional costs that would be incurred for individuals served in the Waiver, were the waiver not granted, are based on actual data from the Community Pathways Waiver CMS 372(S) FY16 report. The 3.3 percent inflation rate applied to Factor G is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually for Waiver Years 1-5 by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

- iv. **Factor G' Derivation.** The estimates of Factor G' for each waiver year are included in Item J-1. The basis of these estimates is as follows:

The estimated annual average per capita Medicaid costs for all other services other than those included in factor G for individuals served in the Waiver, were the waiver not granted, are based on actual data from the Community Pathways Waiver CMS 372(S) FY16 report. The 3.3 percent inflation rate applied to Factor G' is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually for Waiver Years 1-5 by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

**Component management for waiver services.** If the service(s) below includes two or more discrete services that are reimbursed separately, or is a bundled service, each component of the service must be listed. Select “*manage components*” to add these components.

Waiver Services	
Assistive Technology and Services	
Behavioral Support Services	Assessment, Plan, Consultation, Brief Support Implementation
Environmental Assessments	
Environmental Modifications	
Family Caregiver Training and Empowerment Services	
Family and Peer Mentoring Supports	
Housing Support Services	<u>Housing Support Services (Hour), Housing Support Services (15 minutes)</u>
Individual and Family Directed Goods and Services	<u>Goods and Services, Staff Recruitment and Advertising</u>
Nursing Services	<u>Case Management and Delegation, Consultation, Nursing Support Services</u>

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Participant Education, Training, and Advocacy Supports	
Personal Supports	Personal Supports, Personal Supports Enhanced Supports ( <del>beginning Waiver Year 4</del> )
Respite Care Services	Daily, Hourly, Camp, <u>Respite</u>
Support Broker Services	
Transportation	
Vehicle Modifications	

d. **Estimate of Factor D.** *Select one:* Note: Selection below is new.

<input checked="" type="checkbox"/>	The waiver does not operate concurrently with a §1915(b) waiver. Complete Item J-2-d-i
<input type="checkbox"/>	The waiver operates concurrently with a §1915(b) waiver. Complete Item J-2-d-ii

i. **Estimate of Factor D – Non-Concurrent Waiver.** Complete the following table for each waiver year. Enter data into the Unit, # Users, Avg. Units Per User, and Avg. Cost/Unit fields for all the Waiver Service/Component items. Select Save and Calculate to automatically calculate and populate the Component Costs and Total Costs fields. All fields in this table must be completed in order to populate the Factor D fields in the J-1 Composite Overview table.

Waiver Year: Year 1					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/Unit	Total Cost
Assistive Technology and Services	Item	1	1	1,050.36	1,050.36
Behavioral Supports:					39,961.66
<i>Assessment</i>	Assessment	11	1	786.94	8,656.34
<i>Plan</i>	Plan	11	1	559.60	6,155.60
<i>Consultation</i>	Hour	40	2	98.37	7,869.60
<i>Brief Supports Implementation</i>	15 minutes	26	38	17.49	17,280.12
Environmental Assessments	Assessment	1	1	419.70	419.70
Environmental Modifications	Item	1	1	6,543.94	6,543.94
Family Caregiver Training and Empowerment Services	Item	40	1	575.00	23,000.00
Family and Peer Mentoring Supports	Hour	100	5	57.54	28,770.00
Housing Support Services	Hour	40	2	49.76	3,980.80

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Individual and Family Directed Goods and Services:					1,100.00
<i>Goods and Services</i>	Items & Services	1	4	220.00	880.00
<i>Staff Recruitment and Advertising</i>	Items & Services	1	1	220.00	220.00
Participant Education, Training, and Advocacy Supports	Item	40	1	575.00	23,000.00
Personal Supports	15 minutes	320	1664	7.83	4,169,318.40
Respite Care Services:					253,799.20
<i>Hourly</i>	Hour	40	88	20.13	70,857.60
<i>Daily</i>	Day	40	11	322.14	141,741.60
<i>Camp</i>	Item	40	1	1,030.00	41,200.00
Support Broker Services	Hour	8	104	46.52	38,704.64
Transportation	Item	40	208	10.00	83,200.00
Vehicle Modifications	Item	1	1	12,442.00	12,442.00
GRAND TOTAL:					\$ 4,685,290.70
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					400
FACTOR D (Divide grand total by number of participants)					\$ 11,713.23
AVERAGE LENGTH OF STAY ON THE WAIVER					355

Waiver Year: Year 2					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	2	1	1,050.36	<del>2,100.72</del> 2,100.73
Behavioral Supports:					<del>153,791.00</del> 90,249.04
<i>Assessment</i>	Assessment	12	1	<del>876.71</del> 802.68	<del>10,520.52</del> 9,632.16
<i>Plan</i>	Plan	12	1	<del>876.71</del> 570.79	<del>10,520.52</del> 6,849.48
<i>Consultation</i>	Hour	42	<del>8613</del>	<del>27.39</del> 100.34	<del>98,932.68</del> 54,785.64
<i>Brief Supports Implementation</i>	15 minutes	28	<del>62</del>	—	

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			38	19.48 17.84	33,817.28 18,981.76
Environmental Assessments	Assessment	2	1	467.57 428.09	935.14 856.18
Environmental Modifications	Item	2	1	6,543.94	13,087.88 13,087.89
Family Caregiver Training and Empowerment Services	Item	40	1	538.00 587.00	21,520.00 23,480.00
Housing Support Services	Hour	40	12	55.43 50.76	2217.20 4,060.80
<u>Housing Support Services</u>	<u>15 minutes</u>	<u>40</u>	<u>4</u>	<u>13.86</u>	<u>2217.60</u>
Family and Peer Mentoring Supports	Hour	40 100	25	64.10 58.69	5128.00 29,345.00
<u>Family and Peer Mentoring Supports</u>	<u>15 minutes</u>	<u>40</u>	<u>10</u>	<u>16.03</u>	<u>6412.00</u>
Individual and Family Directed Goods and Services:					2,260.00 2,200.00
<i>Goods and Services</i>	Items & Services	2	4	220.00	1,760.00
<i>Staff Recruitment and Advertising</i>	Items & Services	2	1	250.00 220.00	500.00 440.00
<b><u>Nursing:</u></b>					480,304.64
<i>Nursing Case Management and Delegation Services</i>	15 minutes	16	973 1460	20.12	313,228.16 470,003.20
<i>Nursing Consultation</i>	15 minutes	16	32	20.12	10,301.44
<b><u>Nursing Support Services</u></b>	<b><u>15 minutes</u></b>	<b><u>16</u></b>	<b><u>487</u></b>	<b><u>20.12</u></b>	<b><u>156,775.04</u></b>
Participant Education, Training, and Advocacy Supports	Item	40	1	538.00 587.00	21520.00 23,480.00
<b><u>Personal Supports:</u></b>					1,400,672.00 1,474,928.00
<i>Personal Supports PCIS</i>	15 minutes	100 320	832 1664	9.71 7.99	807,872.00 4,254,515.20
<i>Personal Supports LTSS</i>	15 minutes	100	832	6.53	543,296.00
<i>Personal Supports Enhanced Support</i>	15 minutes	5	832 2080	11.90	49,504.00 123,760.00
Respite Care Services:					346,312.00 297,785.60
<i>Hourly</i>	Hour	40	80 44	22.42 20.53	71,744.00 39,459.20
<i>Respite</i>	15 minutes	40	320 176	5.61	71,808.00 39,459.40
<i>Daily</i>	Day	40	10	401.80	160,720.00

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			<del>11</del>	<del>328.58</del>	<del>176,792.00</del>
<i>Camp</i>	Item	40	1	1,051.00	42,040.00
Support Broker Services	<del>Item</del> Hour	9	<del>104</del> 63	<del>47.45</del> 45.95	<del>44,413.20</del> 26,053.65
Transportation	Item	40	208	10.00	83,200.00
Vehicle Modifications	Item	2	1	12,442.00	24,884.00
GRAND TOTAL:					\$ 2,592,615.83 <del>2,636,644.99</del>
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					400
FACTOR D (Divide grand total by number of participants)					\$ 6,481.54 <del>6,591.61</del>
AVERAGE LENGTH OF STAY ON THE WAIVER					355

Waiver Year: Year 3					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	3	1	<del>942.54</del> 1050.36	<del>2,827.62</del> 3,151.08
Behavioral Supports:					<del>119,049.56</del> 178,042.78
<i>Assessment</i>	Assessment	13	1	<del>842.99</del> 1,332.39	<del>10,958.87</del> 17,321.07
<i>Plan</i>	Plan	13	1	<del>842.99</del> 1,332.39	<del>10,958.87</del> 17,321.07
<i>Consultation</i>	15 minutes	44	<del>66</del> 86	<del>26.34</del> 30.18	<del>76,491.36</del> 114,201.12
<i>Brief Supports Implementation</i>	15 minutes	29	<del>38</del> 62	<del>18.73</del> 16.24	<del>20,640.46</del> 29,199.52
Environmental Assessments	Assessment	3	1	<del>449.59</del> 415.39	<del>1,348.77</del> 1,246.17
Environmental Modifications	Item	3	1	6,543.94	19,631.83
Family Caregiver Training and Empowerment Services	Item	40	1	538.00	21,520.00
Family and Peer Mentoring Supports	<del>15 minutes</del> Hour	<del>40</del> 100	<del>20</del> 5	<del>15.41</del> 61.63	<del>12,328.00</del> 30,815.00

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Housing Support Services	<u>15 minutes</u> <u>Hour</u>	40	<u>8</u> <u>2</u>	<u>15.27</u> <u>53.30</u>	<u>4,886.40</u> <u>4,264.00</u>
Individual and Family Directed Goods and Services:					<u>2,200.00</u> <u>2,260.00</u>
<i>Goods and Services</i>	Items & Services	2	4	220.00	1,760.00
<i>Staff Recruitment and Advertising</i>	Items & Services	2	1	<u>250.00</u> <u>220.00</u>	<u>500.00</u> <u>440.00</u>
<u>Nursing:</u>					459,446.40
<u>Nursing Support Services</u> <u>Nursing Case Management and Delegation Services</u>	15 minutes	16	1460	<u>22.17</u> <u>19.35</u>	<u>517,891.20</u> <u>452,016.00</u>
<i>Consultation</i>	<u>15 minutes</u>	<u>12</u>	<u>32</u>	<u>19.35</u>	7,430.40
Participant Education, Training, and Advocacy Supports	<u>Item</u> <u>Hour</u>	40	1	538.00	21,520.00
<u>Personal Supports:</u>					<u>2,447,710.72</u> <u>2,483,062.40</u>
<i>Personal Supports:</i>	15 minutes	<u>140</u> <u>320</u>	1664	<u>9.90</u> <u>6.28</u>	<u>2,306,304.00</u> <u>3,343,974.40</u>
<u>Personal Supports Enhanced Support</u>	<u>15 minutes</u>	<u>7</u>	<u>1664</u> <u>2080</u>	<u>12.14</u>	<u>141,406.72</u> <u>176,758.40</u>
Respite Care Services:					<u>373,956.00</u> <u>311,033.20</u>
<i>Respite</i>	<u>15 minutes</u> <u>Hourly</u>	40	<u>640</u> <u>352</u>	<u>6.83</u> <u>21.56</u>	<u>174,848.00</u> <u>96,166.40</u>
<i>Daily</i>	Day	40	<u>10</u> <u>11</u>	<u>393.97</u> <u>386.35</u>	<u>157,588.00</u> <u>173,346.80</u>
<i>Camp</i>	Item	40	1	1038.00	41,520.00
Support Broker	<u>Item</u> <u>Hour</u>	11	63	<u>45.95</u> <u>48.40</u>	<u>31,843.35</u> <u>33,541.20</u>
Transportation	Item	40	208	10.00	83,200.00
Vehicle Modifications	Item	3	1	12,442.00	37,326.00
GRAND TOTAL:					\$— 4,468,069.98 \$ <u>3,756,513.53</u>
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					400
FACTOR D (Divide grand total by number of participants)					\$ <u>9,391.28</u> <u>11,170.17</u>

Appendix J: 11

State:	
Effective Date	

AVERAGE LENGTH OF STAY ON THE WAIVER	355
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Waiver Year: Year 4 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	5	1	1,050.36	<del>5,251.80</del> 5,251.81
Behavioral Support Services:					<del>190,620.40</del> 127,427.12
<i>Assessment</i>	Assessment	14	1	<del>1,359.04</del> 859.85	<del>19,026.56</del> 12,037.90
<i>Plan</i>	Plan	14	1	<del>1,359.04</del> 859.85	<del>19,026.56</del> 12,037.90
<i>Consultation</i>	15 minutes	46	<del>86</del> 66	<del>30.78</del> 26.87	<del>121,765.68</del> 81,577.32
<i>Brief Supports Implementation</i>	15 minutes	30	<del>62</del> 38	<del>16.56</del> 19.10	<del>30,801.60</del> 21,774.00
Environmental Assessments	Assessment	5	1	<del>423.70</del> 458.58	<del>2,118.50</del> 2,292.90
Environmental Modifications	Item	5	1	6,543.94	<del>32,719.70</del> 32,719.71
Family Caregiver Training and Empowerment Services	Item	40	1	<del>538.00</del> 543.00	<del>21,520.00</del> 21,720.00
Family and Peer Mentoring Supports	<del>15 minutes</del> Hour	<del>40</del> 100	<del>20</del> 5	<del>15.72</del> 62.86	<del>12,576.00</del> 31,430.00
Housing Support Services	<del>15 minutes</del> Hour	40	<del>8</del> 2	<del>15.58</del> 54.37	<del>4,985.60</del> 4,349.60
Individual and Family Directed Goods and Services					<del>3,390.00</del> 3,300.00
<i>Goods and Services</i>	Items & Services	3	4	220.00	2,640.00
<i>Staff Recruitment and Advertising</i>	Items & Services	3	1	<del>220.00</del> 250.00	<del>660.00</del> 750.00
<del>Nursing:</del>					468,706.56
<del>Nursing Support Services</del> <del>Nursing Case Management and Delegation Services</del>	15 minutes	16	1460	<del>22.61</del> 19.74	<del>528,169.60</del> 461,126.40
<i>Consultation</i>	<del>15 minutes</del>	<del>12</del>	<del>32</del>	<del>19.74</del>	7,580.16

Appendix J: 12

State:	
Effective Date	

Participant Education, Training, and Advocacy Supports	<u>Item Training</u>	40	1	<u>538.00</u> <u>543.00</u>	<u>21,520.00</u> <u>21,720.00</u>
Personal Supports					<u>3,210,554.88</u> <u>3,256,905.60</u>
<i>Personal Supports</i>	15 minutes	<u>180</u> <u>320</u>	1664	<u>10.10</u> <u>6.11</u>	<u>3,025,152.00</u> <u>3,253,452.80</u>
<i>Personal Supports Enhanced Supports</i>	15 minutes	<u>9</u> <u>10</u>	<u>1664</u> <u>2080</u>	<u>12.38</u> <u>10.96</u>	<u>185,402.88</u> <u>231,753.60</u>
Respite Care Services:					<u>380,692.00</u> <u>316,471.60</u>
<u>Respite Hourly</u>	<u>15 minutes Hour</u>	40	<u>640</u> <u>352</u>	<u>6.97</u> <u>21.99</u>	<u>178,432.00</u> <u>98,137.60</u>
<i>Daily</i>	Day	40	<u>10</u> <u>11</u>	<u>401.85</u> <u>394.08</u>	<u>160,740.00</u> <u>176,814.00</u>
<i>Camp</i>	Item	40	1	1,038.00	41,520.00
Support Broker Services	<u>Item Hour</u>	12	63	<u>45.95</u> <u>49.37</u>	<u>37,738.20</u> <u>37,323.72</u>
Transportation	<u>Trip Item</u>	40	208	10.00	83200.00
Vehicle Modifications	Item	5	1	12,442.00	62,210.00
GRAND TOTAL:					<u>\$4,594,266.68</u> <u>4,578,995.14</u>
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					400
FACTOR D (Divide grand total by number of participants)					<u>\$ 11,485.67</u> <u>11,447.49</u>
AVERAGE LENGTH OF STAY ON THE WAIVER					355

Waiver Year: Year 5 (only appears if applicable based on Item 1-C)					
Waiver Service / Component	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Assistive Technology and Services	Item	7	1	1,050.36	<u>7,352.52</u> <u>7,352.54</u>

Appendix J: 13

State:	
Effective Date	

					<u>204,643.52</u>
Behavioral Support Services:					<u>136,868.84</u>
<i>Assessment</i>	Assessment	14	1	<u>1,386.22</u> <u>877.05</u>	<u>19,407.48</u> <u>12,278.70</u>
<i>Plan</i>	Plan	14	1	<u>1,386.22</u> <u>877.05</u>	<u>19,407.48</u> <u>12,278.70</u>
<i>Consultation</i>	15 minutes	49	<u>86</u> <u>66</u>	<u>31.40</u> <u>27.40</u>	<u>132,319.60</u> <u>88,611.60</u>
<i>Brief Supports Implementation</i>	15 minutes	32	<u>62</u> <u>38</u>	<u>16.89</u> <u>49.49</u>	<u>33,509.76</u> <u>23,699.84</u>
Environmental Assessments	Assessment	7	1	<u>432.17</u> <u>467.75</u>	<u>3,025.19</u> <u>3,274.25</u>
Environmental Modifications	Item	7	1	6,543.94	<u>45,807.58</u> <u>45,807.60</u>
Family Caregiver Training and Empowerment Services	<u>Item</u> <u>Training</u>	40	1	<u>538.00</u> <u>549.00</u>	<u>21,520.00</u> <u>21,960.00</u>
Family and Peer Mentoring Supports	<u>15 minutes</u> <u>Hour</u>	<u>40</u> <u>100</u>	<u>20</u> <u>5</u>	<u>16.03</u> <u>64.12</u>	<u>12,824.00</u> <u>32,060.00</u>
Housing Support Services	<u>15 minutes</u> <u>Hour</u>	40	<u>8</u> <u>2</u>	<u>15.89</u> <u>55.45</u>	<u>5,084.80</u> <u>4,436.00</u>
Individual and Family Directed Goods and Services					<u>5,650.00</u> <u>5,500.00</u>
<i>Goods and Services</i>	Items & Services	5	4	220.00	4,400.00
<i>Staff Recruitment and Advertising</i>	Items & Services	5	1	<u>250.00</u> <u>220.00</u>	<u>1,100.00</u> <u>1,250.00</u>
<u>Nursing:</u>					<u>477,966.72</u>
<u>Nursing Support Services</u> <u>Nursing Case Management and Delegation Services</u>	15 minutes	16	1460	<u>23.06</u> <u>20.13</u>	<u>538,681.60</u> <u>470,966.72</u>
<i>Consultation</i>	<u>15 minutes</u>	<u>12</u>	<u>32</u>	<u>20.13</u>	<u>7,729.92</u>
Participant Education, Training, and Advocacy Supports	Items	40	1	<u>538.00</u> <u>549.00</u>	<u>21,520.00</u> <u>21,960.00</u>
Personal Supports:					<u>4,001,803.52</u> <u>4,059,598.40</u>
<i>Personal Supports</i>	15 minutes	<u>220</u> <u>320</u>	1664	<u>10.30</u> <u>6.23</u>	<u>3,770,624.00</u> <u>3,317,350.40</u>
<i>Personal Supports Enhanced Supports</i>	15 minutes	<u>11</u> <u>10</u>	<u>1664</u> <u>2080</u>	<u>12.63</u> <u>11.18</u>	<u>231,179.52</u> <u>288,974.40</u>

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State:	
Effective Date	

					<u>387,492.00</u>
					<u>321,980.40</u>
Respite Care Services:					
	<u>15 minutes</u>		<u>640</u>		<u>182,016.00</u>
<u>Respite</u>	<u>Hourly</u>	40	<u>352</u>	<u>7.11</u>	<u>100,108.80</u>
	<u>Hour</u>			<u>22.43</u>	
			<u>10</u>	<u>409.89</u>	<u>163,956.00</u>
<i>Daily</i>	Day	40	<u>11</u>	<u>401.96</u>	<u>180,351.60</u>
<i>Camp</i>	Item	40	1	1,038.00	41,520.00
Support Broker Services	<u>Item</u>	14	63	<u>45.95</u>	<u>40,527.90</u>
	<u>Hour</u>			<u>50.36</u>	<u>44,417.52</u>
Transportation	Item	40	208	10.00	83,200.00
Vehicle Modifications	Item	7	1	12,442.00	87,094.00
GRAND TOTAL:					<u>\$ 5,466,226.63</u>
TOTAL ESTIMATED UNDUPLICATED PARTICIPANTS (from Table J-2-a)					400
FACTOR D (Divide grand total by number of participants)					<u>—\$13,665.57</u>
AVERAGE LENGTH OF STAY ON THE WAIVER					355

Appendix J: 15

State:	
Effective Date	